

The invention claimed is:

1. A system for providing remote data to a vehicle, said system comprising:  
an off-board data source remote from a vehicle;  
a compute platform for accessing the data source to acquire information and generating a stream of data as a function of time and location of the vehicle; and  
a data communication link for communicating data between the off-board data source and the vehicle, wherein the stream of data is supplied to the vehicle for use onboard the vehicle.
2. The system as defined in claim 1 further comprising a source for supplying the location of the vehicle.
3. The system as defined in claim 2, wherein the location of the vehicle is an expected destination.
4. The system as defined in claim 1, wherein the compute platform is located remote from the vehicle.
5. The system as defined in claim 1, wherein the vehicle comprises an onboard data communication port for receiving the supplied stream of data.
6. The system as defined in claim 1, wherein the compute platform generates the stream of data in response to receiving a data request from the vehicle.
7. The system as defined in claim 1, wherein the stream of data is communicated to the vehicle via wireless communication.
8. The system as defined in claim 1 further comprising a data storage device located on the vehicle for storing the stream of data received at the vehicle.
9. The system as defined in claim 8, wherein the data storage device purges data as a function of time.

10. The system as defined in claim 1, wherein the stream of data is determined as a function of travel distance from the location of the vehicle.

11. The system as defined in claim 1, wherein the stream of data contains information having a resolution based on time and location of the vehicle.

12. The system as defined in claim 1, further comprising a transceiver located at a fueling station, wherein the transceiver provides communication between the vehicle and the off-board supplier.

13. A system for providing remote data to a vehicle, said system comprising:  
an off-board data source remote from the vehicle;  
a distribution station remote from the vehicle and in data communication with the off-board data source, said distribution station comprising a transceiver for communicating with the vehicle;  
a compute platform for accessing the data source to acquire information and generating a stream of data as a function of time and location of the vehicle; and  
a data communication link for communicating data between the transceiver and the vehicle, wherein the stream of data is supplied to the vehicle for use onboard the vehicle.

14. The system as defined in claim 13, wherein the distribution station comprises a fueling station.

15. The system as defined in claim 13, further comprising a position determining device for determining the position of the vehicle.

16. The system as defined in claim 13, wherein the vehicle comprises an onboard data communication port for receiving the supplied stream of data.

17. A method of supplying data from an off-board data supplier to an onboard device on a vehicle, said method comprising the steps of:  
acquiring data communication between an off-board data supplier and a vehicle;

receiving a request for data from the vehicle;  
determining a location of the vehicle;  
determining a time reading; and  
supplying data to the vehicle as a function of the time and the location of the vehicle.

18. The method as defined in claim 17, wherein the data supplied varies in resolution as a function of the travel distance from the location of the vehicle.

19. The method as defined in claim 17, wherein the data supplied varies as a function of time.

20. The method as defined in claim 17 further comprising the step of purging data as a function of time.

21. The method as defined in claim 17, wherein the step of acquiring data communication between an off-board supplier and a vehicle comprises communicating with an external transceiver located at a fueling station.

22. The method as defined in claim 17, wherein the location of the vehicle is an expected destination of the vehicle.

23. A method of supplying data to a vehicle, said method comprising the steps of:  
acquiring data communication between an external transceiver located at a data distribution station and a vehicle;  
receiving for a request for data from the vehicle;  
determining a location of the vehicle;  
determining a time reading;  
searching for requested data via an off-board data supplier;  
supplying the requested data to the vehicle via the data distribution station as a function of the time and the location of the vehicle.

24. The method as defined in claim 23, wherein the data supplied varies in resolution as a function of the travel distance from the location of the vehicle.

25. The method as defined in claim 23, wherein the data supplied varies as a function of time.

26. The method as defined in claim 23 further comprising the step of purging data as a function of time.

27. The method as defined in claim 23, wherein the data distribution station comprises a fueling station.